Washington State Department of Transportation

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E88583

Employer : Golder Associates Inc

Worksite : Golder Associates

Street : 18300 Ne Union Hill Rd Suite 200

Jurisdiction : City of Redmond

Survey Date : 5/21/2015

Survey Type : Online

Response Rate : 90%

Drive Alone & One-Way VMT Rates at this Worksite

Drive Alone : 74.8%

One-Way VMT per employee : 10.9

Employees and Survey Response Information

Reported Total Employees at Worksite: 113
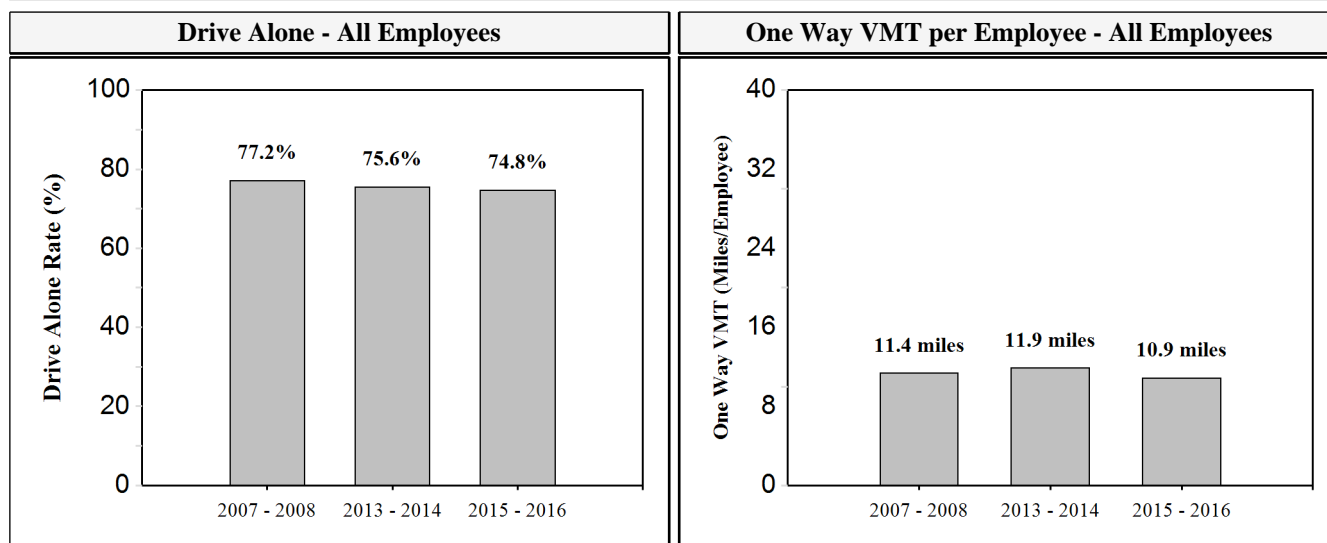
Surveys Distributed : 113

Surveys Returned : 102

Surveys Returned by CTR Affected Employees : 90

Total Estimated CTR - Affected Employees at Worksite : 100

Drive Alone - All Employees

One Way VMT per Employee - All Employees

Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	77.2%	76.8%	11.4	11.4
2009 - 2010	74.4%	73.1%	10.7	11.1
2011 - 2012	68.8%	69.3%	11.7	12.6
2013 - 2014	75.6%	75.5%	11.9	12.0
2015 - 2016	74.8%	74.7%	10.9	11.4
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-3.1%	-2.7%	-4.4%	0.0%

Report generated on 10/6/2015

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	**2013 - 2014**	**2015 - 2016**
Drive Alone - All Employees*	77.2%	75.6%	74.8%
Drive Alone - CTR Affected Employees*	76.8%	75.5%	74.7%
VMT/Employee - All Employees	11.4	11.9	10.9
VMT/Employees - CTR Affected Employees	11.4	12.0	11.4

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO2e) for Roundtrip Commute*

Value	**2007 - 2008**	**2013 - 2014**	**2015 - 2016**
Emissions for Surveyed Employees	230	325	227
Estimated Emissions for Total Employment	311	408	252

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	**2007 - 2008**	**2013 - 2014**	**2015 - 2016**
Bus Annual Passenger Miles - Estimated for Total Employment	2,835	35,108	15,842
Bus Annual Passenger Miles - Surveyed Employees	2,100	28,000	14,300
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	2,326
Ferry Annual Passenger Miles - Surveyed Employees	0	0	2,100
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO_2e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO_2e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO_2e emissions per passenger mile for train/light rail/streetcar.
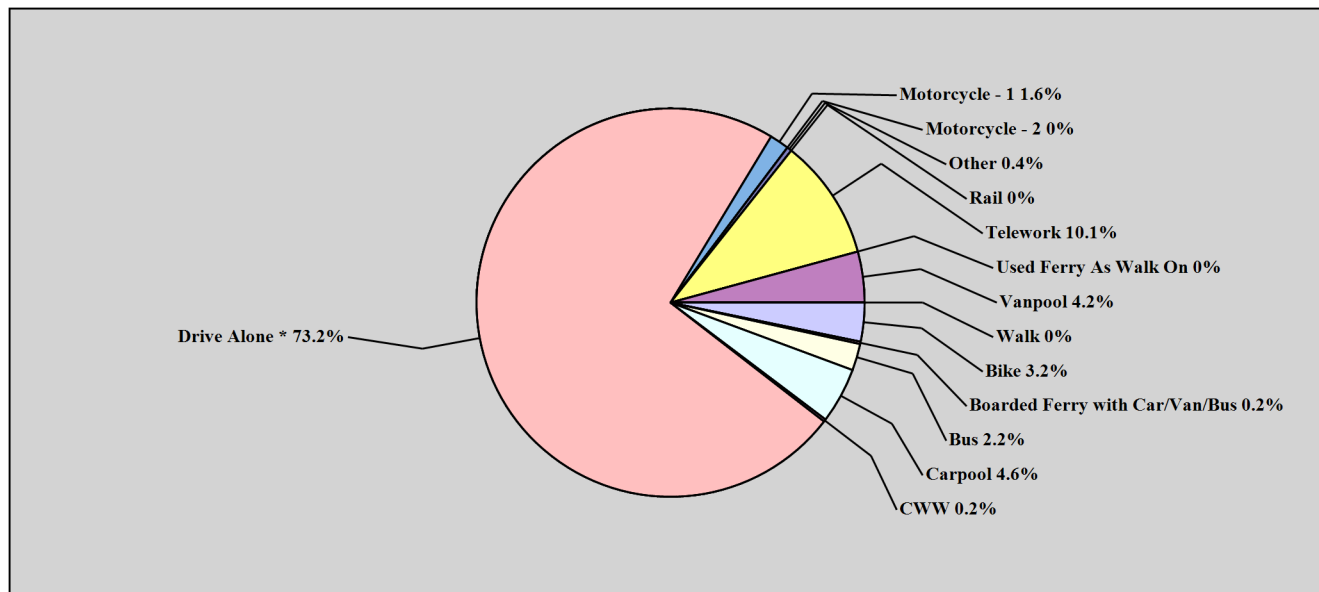
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 13.9 miles

Report generated on 10/6/2015

![Washington State Department of Transportation]

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	363	73.2%	74.1%	88	86.3%	88.5%
Carpool	23	4.6%	5.7%	6	5.9%	6.2%
Vanpool	21	4.2%	2.9%	5	4.9%	3.8%
Motorcycle - 1	8	1.6%	1.5%	2	2.0%	1.5%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	11	2.2%	3.6%	4	3.9%	6.9%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	16	3.2%	4.7%	10	9.8%	10.8%
Walk	0	0.0%	0.3%	0	0.0%	1.5%
Telework	50	10.1%	6.0%	27	26.5%	19.2%
CWW	1	0.2%	0.5%	1	1.0%	1.5%
Boarded Ferry with Car/Van/Bus	1	0.2%	0.0%	1	1.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	2	0.4%	0.7%	2	2.0%	2.3%

Drive alone mode includes fill-in, where applicable.

Report generated on 10/6/2015

Washington State Department of Transportation

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute **TO** your usual work location? (Mode used for the longest distance.)
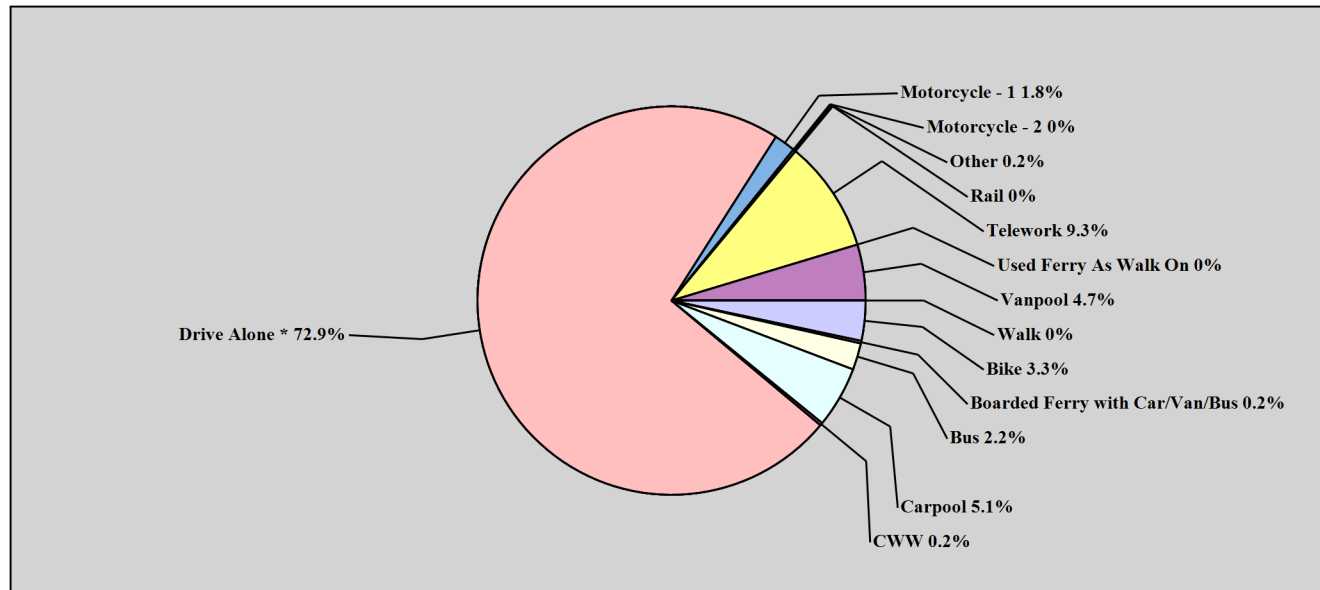

Mode Split - Affected Employees

Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	329	72.9%	73.9%	76	84.4%	88.9%
Carpool	23	5.1%	5.6%	6	6.7%	6.0%
Vanpool	21	4.7%	3.2%	5	5.6%	4.3%
Motorcycle - 1	8	1.8%	1.6%	2	2.2%	1.7%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	10	2.2%	3.3%	3	3.3%	6.8%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	15	3.3%	5.1%	9	10.0%	12.0%
Walk	0	0.0%	0.4%	0	0.0%	1.7%
Telework	42	9.3%	5.6%	23	25.6%	18.8%
CWW	1	0.2%	0.5%	1	1.1%	1.7%
Boarded Ferry with Car/Van/Bus	1	0.2%	0.0%	1	1.1%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	1	0.2%	0.7%	1	1.1%	2.6%

* Drive alone mode includes fill-in, where applicable.

Report generated on 10/6/2015

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	57	56%	102	100%
1 Days	19	19%	45	44%
2 Days	5	5%	26	25%
3 Days	3	3%	21	21%
4 Days	5	5%	18	18%
5 Days	11	11%	13	13%
6 or More Days	2	2%	2	2%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	43	50.6%	21	24.7%	2	2.4%	5	5.9%	0	0%	4	4.7%	1	1.2%	0	0%	20	23.5%
4 days a week (4/10s)	0	0%	5	83.3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	16.7%
3 days a week	0	0%	3	60%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	1	20%	2	40%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

Report generated on 10/6/2015

Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	8
2	Motorcycle	0
2	Carpool	23
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	13
6	Vanpool	8
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Report generated on 10/6/2015

Washington State Department of Transportation

Reported Work Schedule - All Employees

Q.5 Which of the following best describes your work schedule?

Reported Work Schedule
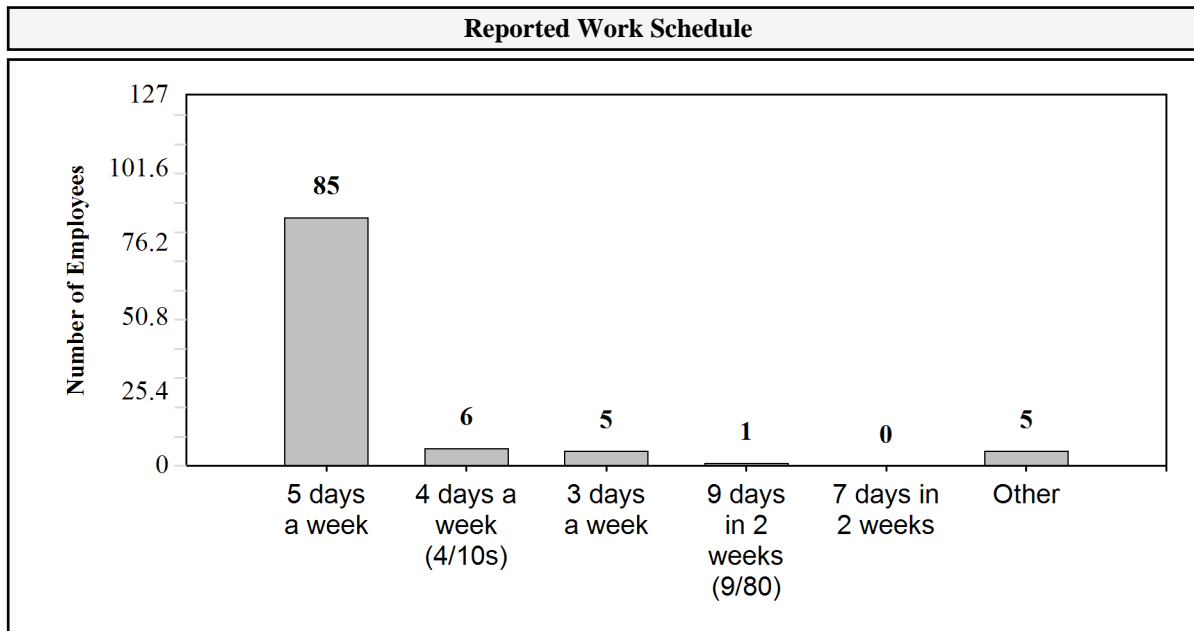
Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	85	83.3%
4 days a week (4/10s)	6	5.9%
3 days a week	5	4.9%
9 days in 2 weeks (9/80)	1	1%
7 days in 2 weeks	0	0%
Other	5	4.9%

Report generated on 10/6/2015

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)
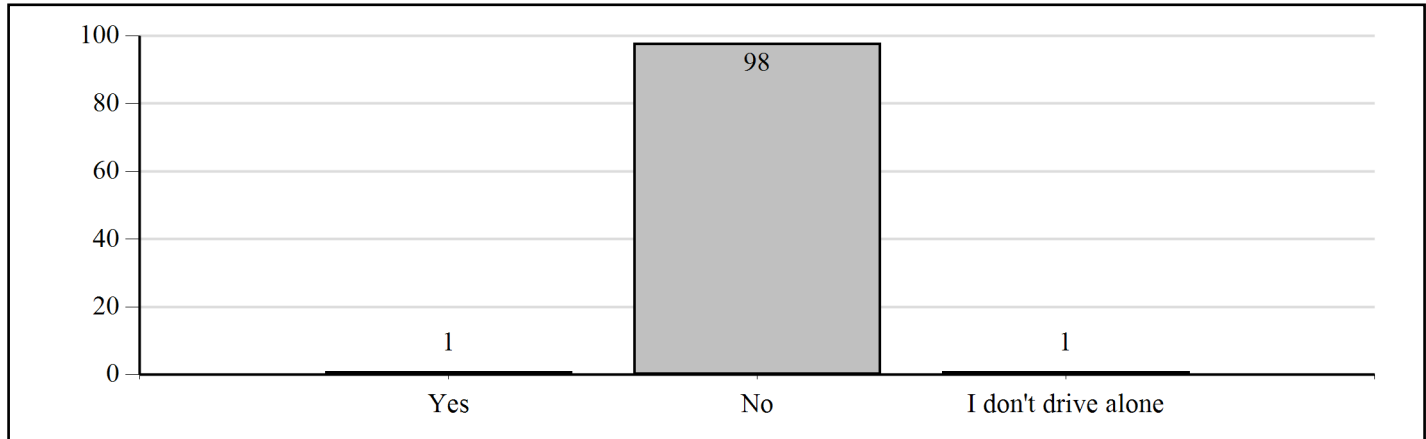
Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	30	29.4%
Occasionally, on an as-needed basis	35	34.3%
1-2 days/month	9	8.8%
1 day/week	19	18.6%
2 days/week	6	5.9%
3 days/week	3	2.9%

Report generated on 10/6/2015

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	41	19.5%
Personal health or well-being	35	16.7%
Environmental and community benefits	30	14.3%
To save money	26	12.4%
Other	18	8.6%
To save time using the HOV lane	15	7.1%
Financial incentives for carpooling, bicycling or walking.	14	6.7%
Free or subsidized bus, train, vanpool pass or fare benefit	14	6.7%
Driving myself is not an option	8	3.8%
Cost of parking or lack of parking	3	1.4%
Emergency ride home is provided	3	1.4%
Preferred/reserved carpool/vanpool parking is provided	2	1.0%
I receive a financial incentive for giving up my parking space	1	0.5%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	71	26.9%
I like the convenience of having my car	63	23.9%
My job requires me to use my car for work	34	12.9%
Family care or similar obligations	34	12.9%
Bicycling or walking isn't safe	22	8.3%
Other	21	8.0%
My commute distance is too short	14	5.3%
I need more information on alternative modes	3	1.1%
There isn't any secure or covered bicycle parking	2	0.8%

Washington State Department of Transportation

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	1	0	0	3	0	0	0
2	0	0	0	1	0	0	4	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	1	0	0	0	0	0	0
5	0	0	0	2	0	0	0	0	0	0
6	0	0	0	2	0	0	1	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	0	0	0	7	0	0	8	0	0	0
Total One-Way Transit Trips Per Week	0	0	0	29	0	0	17	0	0	0

Report generated on 10/6/2015

Washington State Department of Transportation

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	1	0	0	3	0	0	0
2	0	0	0	1	0	0	3	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	1	0	0	0	0	0	0
5	0	0	0	2	0	0	0	0	0	0
6	0	0	0	2	0	0	1	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	0	0	0	7	0	0	7	0	0	0
Total One-Way Transit Trips Per Week	0	0	0	29	0	0	15	0	0	0

Report generated on 10/6/2015

Washington State Department of Transportation

Employer ID: E88583

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98005	1	0.98%	4	0	0	0	0	0	0	0	1	0	0	0	0
98006	4	3.92%	16	0	0	0	0	0	0	0	0	0	0	0	0
98011	4	3.92%	9	8	0	0	0	0	2	0	1	0	0	0	0
98014	2	1.96%	9	0	0	0	0	0	0	0	0	0	0	0	0
98019	4	3.92%	15	0	0	5	0	0	0	0	0	0	0	0	0
98021	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98026	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98027	2	1.96%	10	0	0	0	0	0	0	0	0	0	0	0	0
98028	3	2.94%	9	0	0	0	5	0	0	0	1	0	0	0	0
98029	1	0.98%	4	0	0	0	0	0	0	0	1	0	0	0	0
98031	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98033	3	2.94%	7	0	0	0	3	0	2	0	1	0	0	0	0
98034	3	2.94%	11	0	0	0	0	0	1	0	1	0	0	0	1
98036	1	0.98%	4	0	0	0	0	0	0	0	1	0	0	0	0
98037	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98042	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98045	2	1.96%	9	0	0	0	0	0	0	0	0	0	0	0	0
98052	9	8.82%	39	0	0	0	0	0	1	0	1	0	0	0	0
98053	5	4.90%	24	0	0	0	0	0	0	0	1	0	0	0	0
98056	3	2.94%	11	0	0	0	0	0	0	0	4	0	0	0	0
98058	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98059	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98072	4	3.92%	12	0	0	0	0	0	1	0	2	0	0	0	0
98074	7	6.86%	23	2	0	0	0	0	8	0	1	1	0	0	0
98075	2	1.96%	10	0	0	0	0	0	0	0	0	0	0	0	0

Report generated on 10/6/2015

98077	5	4.90%	21	4	0	0	0	0	0	0	0	0	0	0	0
98087	2	1.96%	5	0	0	3	0	0	0	0	2	0	0	0	0
98103	2	1.96%	4	0	6	0	0	0	0	0	0	0	0	0	1
98107	2	1.96%	0	0	10	0	0	0	0	0	1	0	0	0	0
98112	1	0.98%	0	5	0	0	0	0	0	0	0	0	0	0	0
98115	2	1.96%	2	4	0	0	1	0	0	0	3	0	0	0	0
98118	1	0.98%	3	0	0	0	0	0	0	0	2	0	0	0	0
98122	1	0.98%	1	0	0	0	2	0	1	0	1	0	0	0	0
98125	2	1.96%	0	0	5	0	0	0	0	0	5	0	0	0	0
98133	2	1.96%	4	0	0	0	0	0	0	0	5	0	0	0	0
98146	1	0.98%	2	0	0	0	0	0	0	0	3	0	0	0	0
98155	4	3.92%	18	0	0	0	0	0	0	0	3	0	1	0	0
98177	1	0.98%	3	0	0	0	0	0	0	0	2	0	0	0	0
98178	1	0.98%	4	0	0	0	0	0	0	0	1	0	0	0	0
98208	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98258	1	0.98%	5	0	0	0	0	0	0	0	0	0	0	0	0
98272	2	1.96%	10	0	0	0	0	0	0	0	0	0	0	0	0
98290	2	1.96%	10	0	0	0	0	0	0	0	0	0	0	0	0
99223	1	0.98%	0	0	0	0	0	0	0	0	6	0	0	0	0

Report generated on 10/6/2015